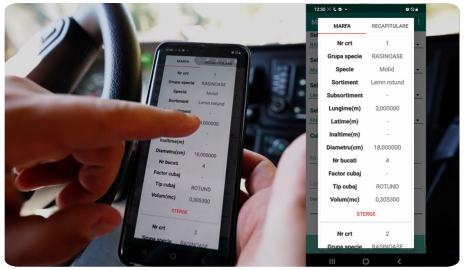
SUMAL 2.0 | Digital Wood Tracking



InspectorulPadurii.ro is initiated by Ministry of Environment, Waters and Forests together with the Government of Romania with the aim to make transparent the wood harvesting activity, transport of wood in entire Romania.

The online portal is an automatic method for identifying illegally cut timber transports from Romania. The users are able to observe alerts from satellites indicating information and once every few days (between 2 and 7 days depending on the satellite) any change in the aerial image associated with the forest vegetation in Romania. The portal also accesses the SUMAL database of the Ministry of Water and Forests in real time. From this database, information is extracted to be processed in the internal system, about the enhancement documents on wood harvests, the locations from where the timber transports are loaded and the information related to these points.The permits on wood harvest became digitalized, therefore all harvesting activity can be checked by satellite monitoring while the transports must obtain a unique code before leaving the place of loading. This code is only obtained after the transport information has been entered into the system, including the location where the code was requested.

The portal, through further developments, also contains an API (set learned of rules), which allows automatic access to all information publicly presented on this portal (layers, transport coordinates and related metadata, enhancement documents, etc.), so that other interested actors can make analyzes that will lead to stopping illegal logging.

DETALJI

PODRIJETLO DRVA
Šuma

VRSTA DRVA
Deblo

ODGOVARAJUĆA VRSTA DRVA
logwood, primer material

UTJECAJ NA OKOLIŠ I BIORAZNOLIKOST
protection

UČINAK NA PRIHOD
minor impact

POTENCIJAL ISKORISTIVOSTI
high

SREDIŠTE
--

GOSPODARSKI UČINAK
Transparancy

POTREBNA POSEBNA ZNANJA
Digitalization

POTENCIJAL ZA POVEĆANJE UPORABE DRVA
11000000 m3/y

POTENCIJAL ODRŽIVOSTI - VRIJEDNOST
Vrlo pozitivno

JEDNOSTAVNOST PROVEDBE
difficult

JEDNOSTAVNOST PROVEDBE - EVALUACIJA
teško

KLJUČNI PREDUVJETI
political decision

VRSTA DOGAđAJA NA KOJEM JE PRIKAZAN OVAJ BPI
--

UČINAK NA ZAPOŠLJIVOST
minor impact

TROŠKOVI PROVEDBE (EURO - €)
--

VIŠE DETALJA

IZAZOV

5. Unaprjeđenje učinkovitosti lanca opskrbe šumom na gospodarstvo i okoliš

DOMENA

Popis, procjena, praćenje

Upravljanje šumama, uzgoj šuma, usluge ekosustava, otpornost

Sječa, infrastrutura, logistika

VRSTA RJEŠENJA

Alati za praćenje

KLJUČNE RIJEČI

timber tracking; traceability

DIGITALNO RJEŠENJE

Da

INOVACIJA

Da

ZEMLJA PODRIJETLA

--

PODRUČJE PRIMJENE

Nacionalna

POČETAK I KRAJ GODINE

2021 -

KONTAKT PODATCI

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REFERENCES AND RESOURCES

GLAVNA WEB STRANICA

https://www.mmediu.ro

WEB STRANICA PROJEKTA

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REFERENCA PROJEKTA

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IZVORI

--

LOGO PRIMJERA DOBRE PRAKSE

LOGO GLAVNE ORGANIZACIJE



PROJEKT U OKVIRU KOJEG JE INFORMATIVNI LIST KREIRAN

Rosewood 4.0

DATUM UNOSA

12 kol 2021





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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

